

# Hospitalizations for Work-related Injuries

# Massachusetts 2003

## Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
<b>ALL INJURIES</b>		<b>1354</b>	<b>44.10</b>	<b>244</b>	<b>1110</b>	<b>18.48</b>	<b>63.43</b>
<b>FRACTURES</b>		<b>784</b>	<b>25.54</b>	<b>176</b>	<b>608</b>	<b>13.33</b>	<b>34.74</b>
	Head & Neck	50	1.63	(a)	48	(a)	2.74
	Torso	133	4.33	13	120	0.98	6.86
	Extremities	601	19.58	161	440	12.20	25.14
<b>DISLOCATION</b>		<b>24</b>	<b>0.78</b>	<b>6</b>	<b>18</b>	<b>0.45</b>	<b>1.03</b>
	Torso	9	0.29	(a)	6	(a)	0.34
	Extremities	15	0.49	(a)	12	(a)	0.69
<b>SPRAINS &amp; STRAINS</b>		<b>107</b>	<b>3.49</b>	<b>19</b>	<b>88</b>	<b>1.44</b>	<b>5.03</b>
	Torso	17	0.55	4	13	0.30	0.74
	Extremities	89	2.90	15	74	1.14	4.23
	Unclassified	(a)	(a)	(a)	(a)	(a)	(a)
<b>INTERNAL ORGAN</b>		<b>106</b>	<b>3.45</b>	<b>8</b>	<b>98</b>	<b>0.61</b>	<b>5.60</b>
	Head & Neck	51	1.66	6	45	0.45	2.57
	Torso	55	1.79	(a)	53	(a)	3.03
<b>OPEN WOUNDS</b>		<b>104</b>	<b>3.39</b>	<b>10</b>	<b>94</b>	<b>0.76</b>	<b>5.37</b>
	Head & Neck	26	0.85	(a)	24	(a)	1.37
	Torso	12	0.39	(a)	12	(a)	0.69
	Extremities	66	2.15	8	58	0.61	3.31
<b>AMPUTATIONS</b>		<b>42</b>	<b>1.37</b>	<b>4</b>	<b>38</b>	<b>0.30</b>	<b>2.17</b>
	Extremities	42	1.37	4	38	0.30	2.17
<b>SUPERFICIAL/CONTUSIONS</b>		<b>14</b>	<b>0.46</b>	<b>4</b>	<b>10</b>	<b>0.30</b>	<b>0.57</b>
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	6	0.20	(a)	4	(a)	(a)
	Extremities	6	0.20	(a)	4	(a)	(a)
<b>CRUSHING</b>		<b>26</b>	<b>0.85</b>	<b>(a)</b>	<b>25</b>	<b>(a)</b>	<b>1.43</b>
	Extremities	26	0.85	(a)	25	(a)	1.43
<b>BURNS</b>		<b>68</b>	<b>2.21</b>	<b>6</b>	<b>62</b>	<b>0.45</b>	<b>3.54</b>
	Head & Neck	9	0.29	(a)	9	(a)	0.51
	Torso	8	0.26	(a)	7	(a)	0.40
	Extremities	49	1.60	5	44	0.38	2.51
<b>OTHER &amp; UNSPECIFIED (b)</b>		<b>79</b>	<b>2.57</b>	<b>10</b>	<b>69</b>	<b>0.76</b>	<b>3.94</b>
	Head & Neck	10	0.33	(a)	8	(a)	0.46
	Torso	10	0.33	(a)	8	(a)	0.46
	Extremities	19	0.62	(a)	19	(a)	1.09

Source: Hospital Discharge Data, for 1 January 2003 through 31 December 2003, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs\*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 2003 through December 2003

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.